# N1A Series Panel Enclosure

## Non-Ventilated - NEMA 1



Inner Panel Included

## Application

- Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

## Standards

- UL 50 Type 1
- CSA Type 1
- **Complies with**
  - NEMA Type 1
  - IEC 60529, IP20

## Construction

- Enclosure is formed and spot welded from 12 or 14 gauge steel.
- Removable 12 or 14 gauge inner panel is mounted in the rear of the enclosure on collar studs.
- Removable door is mounted on slip hinges.
- Door is fastened with a slotted quarter turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Mounting holes are provided in the rear of the enclosure.
- Piano hinge on 12 gauge units

## Finish

- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

## Accessories

- Additional inner panels...*see page* ***438***
- Lock kit for NEMA 1 enclosures (Part No. **1427LKN1**)...*see page* ***431***
- Louvered ventilating plates ...*see page* ***402***
- Window kits...*see page* ***449***
- Padlock Adaptor...*see page* ***435***




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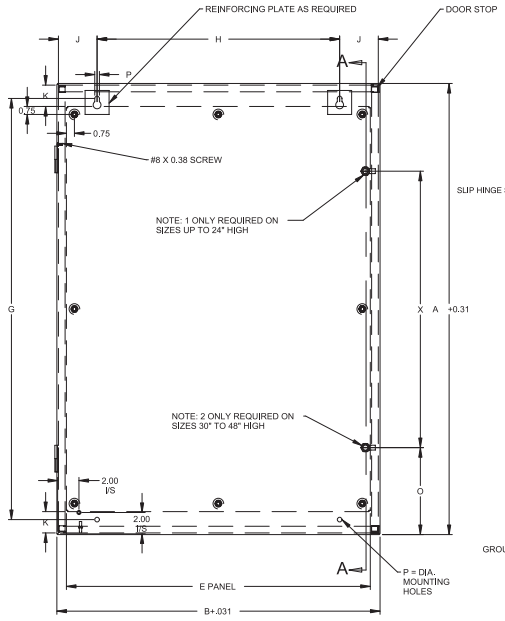
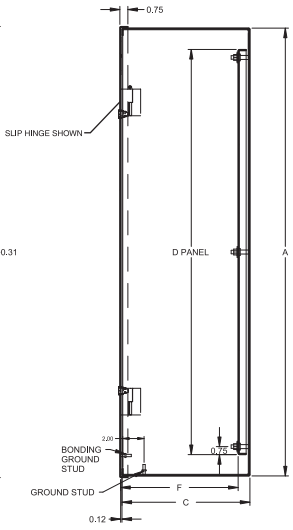
# N1A Series Panel Enclosure

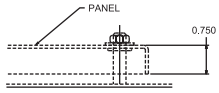
## Non-Ventilated - NEMA 1



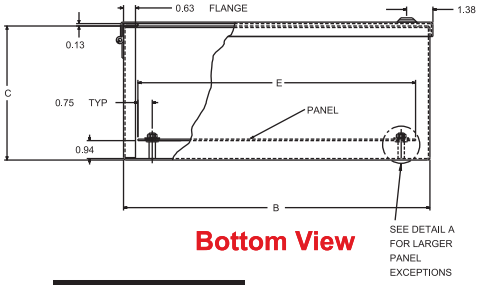

Front View




Side View




**Detail A**
Typ. for N1A423012, N1A423612 and N1A483612




Bottom View

| When A= | X= |
|---|---|
| 30 | 18.00 |
| 36 | 22.00 |
| 42 | 26.00 |
| 48 | 30.00 |

| Part No. | Dimensions | | | Panel Size | | Panel | No. of | Mounting Dimensions | | | | Panel Clearance | | | | Ship |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | Gauge | Studs | G | H | J | Q | P | F | K | O | Wt. lbs |
| **N1A16127** | 16 | 12 | 7 | 13 | 10.50 | 14 | 4 | 13.88 | 7.00 | 2.50 | 1.06 | 0.31 | 6.04 | 1.5 | — | 25 |
| **N1A16167** | 16 | 16 | 7 | 13 | 14.50 | 14 | 4 | 13.88 | 11.00 | 2.50 | 1.06 | 0.31 | 6.04 | 1.5 | — | 30 |
| **N1A16207** | 16 | 20 | 7 | 13 | 18.50 | 14 | 4 | 13.88 | 15.00 | 2.50 | 1.06 | 0.31 | 6.04 | 1.5 | — | 36 |
| **N1A20167** | 20 | 16 | 7 | 17 | 14.50 | 14 | 4 | 17.88 | 11.00 | 2.50 | 1.06 | 0.31 | 6.04 | 1.5 | — | 37 |
| **N1A20207** | 20 | 20 | 7 | 17 | 18.50 | 14 | 4 | 17.88 | 15.00 | 2.50 | 1.06 | 0.31 | 6.04 | 1.5 | — | 43 |
| **N1A24167** | 24 | 16 | 7 | 21 | 14.50 | 14 | 4 | 21.88 | 11.00 | 2.50 | 1.06 | 0.31 | 6.04 | 1.5 | — | 43 |
| **N1A24207** | 24 | 20 | 7 | 21 | 18.50 | 14 | 4 | 21.88 | 15.00 | 2.50 | 1.06 | 0.31 | 6.04 | 1.5 | — | 51 |
| **N1A24247** | 24 | 24 | 7 | 21 | 22.50 | 12 | 4 | 21.88 | 19.00 | 2.50 | 1.06 | 0.31 | 6.01 | 1.5 | — | 67 |
| **N1A30207** | 30 | 20 | 7 | 26 | 18.50 | 12 | 6 | 27.50 | 12.75 | 3.63 | 1.25 | 0.44 | 6.01 | 2.0 | 6.16 | 67 |
| **N1A30247** | 30 | 24 | 7 | 26 | 22.50 | 12 | 6 | 27.50 | 16.75 | 3.63 | 1.25 | 0.44 | 6.01 | 2.0 | 6.16 | 80 |
| **N1A36247** | 36 | 24 | 7 | 32 | 22.50 | 12 | 6 | 33.50 | 16.75 | 3.63 | 1.25 | 0.44 | 6.01 | 2.0 | 7.16 | 94 |
| **N1A36307** | 36 | 30 | 7 | 32 | 28.50 | 12 | 8 | 33.50 | 22.75 | 3.63 | 1.25 | 0.44 | 6.01 | 2.0 | 7.16 | 114 |
| **N1A16129** | 16 | 12 | 9 | 13 | 10.50 | 14 | 4 | 13.88 | 7.00 | 2.50 | 1.06 | 0.31 | 8.04 | 1.5 | — | 27 |
| **N1A20169** | 20 | 16 | 9 | 17 | 14.50 | 14 | 4 | 17.88 | 11.00 | 2.50 | 1.06 | 0.31 | 8.04 | 1.5 | — | 31 |
| **N1A20209** | 20 | 20 | 9 | 17 | 18.50 | 14 | 4 | 17.88 | 15.00 | 2.50 | 1.06 | 0.31 | 8.04 | 1.5 | — | 47 |
| **N1A20249** | 20 | 24 | 9 | 17 | 22.50 | 14 | 4 | 17.88 | 19.00 | 2.50 | 1.06 | 0.31 | 8.04 | 1.5 | — | 55 |
| **N1A24209** | 24 | 20 | 9 | 21 | 18.50 | 14 | 4 | 21.88 | 15.00 | 2.50 | 1.06 | 0.31 | 8.04 | 1.5 | — | 55 |
| **N1A24249** | 24 | 24 | 9 | 21 | 22.50 | 12 | 4 | 21.88 | 19.00 | 2.50 | 1.06 | 0.31 | 8.01 | 1.5 | — | 125 |
| **N1A30209** | 30 | 20 | 9 | 26 | 18.50 | 12 | 6 | 27.50 | 12.75 | 3.63 | 1.25 | 0.44 | 8.01 | 2.0 | 6.16 | 72 |
| **N1A30249** | 30 | 24 | 9 | 26 | 22.50 | 12 | 6 | 27.50 | 16.75 | 3.63 | 1.25 | 0.44 | 8.01 | 2.0 | 6.16 | 85 |
| **N1A30309** | 30 | 30 | 9 | 26 | 28.50 | 12 | 8 | 27.50 | 22.75 | 3.63 | 1.25 | 0.44 | 8.01 | 2.0 | 6.16 | 102 |
| **N1A36249** | 36 | 24 | 9 | 32 | 22.50 | 12 | 6 | 33.50 | 16.75 | 3.63 | 1.25 | 0.44 | 8.01 | 2.0 | 7.16 | 107 |
| **N1A36309** | 36 | 30 | 9 | 32 | 28.50 | 12 | 8 | 33.50 | 22.75 | 3.63 | 1.25 | 0.44 | 8.01 | 2.0 | 7.16 | 120 |
| **N1A42249** | 42 | 24 | 9 | 38 | 22.50 | 12 | 6 | 39.50 | 16.75 | 3.63 | 1.25 | 0.44 | 8.01 | 2.0 | 8.16 | 111 |
| **N1A242012** | 24 | 20 | 12 | 21 | 18.50 | 14 | 4 | 21.88 | 15.00 | 2.50 | 1.06 | 0.31 | 11.04 | 1.5 | — | 61 |
| **N1A242412** | 24 | 24 | 12 | 21 | 22.50 | 12 | 4 | 21.88 | 19.00 | 2.50 | 1.06 | 0.31 | 11.01 | 1.5 | — | 132 |
| **N1A302412** | 30 | 24 | 12 | 26 | 22.50 | 12 | 6 | 27.50 | 16.75 | 3.63 | 1.25 | 0.44 | 11.01 | 2.0 | 6.16 | 94 |
| **N1A363012** | 36 | 30 | 12 | 32 | 28.50 | 12 | 8 | 33.50 | 22.75 | 3.63 | 1.25 | 0.44 | 11.01 | 2.0 | 7.16 | 129 |
| **N1A423012**[1] | 42 | 30 | 12 | 38 | 28.50 | 12 | 8 | 39.50 | 22.75 | 3.63 | 1.25 | 0.44 | 11.01 | 2.0 | 8.16 | 144 |
| **N1A423612**[1] | 42 | 36 | 12 | 38 | 34.50 | 12 | 8 | 39.50 | 28.75 | 3.63 | 1.25 | 0.44 | 11.01 | 2.0 | 8.16 | 169 |
| **N1A483612**[1] | 48 | 36 | 12 | 44 | 34.50 | 12 | 8 | 45.50 | 28.75 | 3.63 | 1.25 | 0.44 | 11.01 | 2.0 | 9.16 | 197 |

[1] 12 gauge construction

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise





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Data Subject to change without notice